

# Claims

[c1] We claim:

1. A disposable solid waste detainment plumbing trap, comprising:

(a) a container for collecting water and solid waste discharged from a sink through an inlet of the container, and for discharging water through a first outlet of the container, the inlet being constructed and arranged for direct connection to a first line connected to the sink, and the first outlet being constructed and arranged for direct connection to a second line for waste disposal;

(b) a lid which seals the container, the inlet and the first outlet being disposed in and through the lid, and extending into the container to a distance below the lid; and

(c) a valve for venting air or water from the container, to relieve pressure of air trapped therein, the valve being connected to a second outlet which extends into the container to a shorter distance below the lid than the first outlet, whereby level of water can be adjusted so that an end of the second outlet is either above or below surface of the water, and the pressure of the air trapped in the container can be relieved by opening the valve to

discharge air or water from the container.

[c2] 2. The disposable solid waste detainment plumbing trap of claim 1, wherein the container is transparent or translucent, for easy observation of the water level in the container.

[c3] 3. A method for disposing of solid waste discharged from a plumbing sink, the method comprising the steps of:

- (a) providing a container for collecting water and solid waste discharged from the sink through an inlet of the container, and for discharging water through a first outlet of the container, the inlet being constructed and arranged for direct connection to a first line connected to the sink, and the first outlet being constructed and arranged for direct connection to a second line for waste disposal;
- (b) providing a lid for sealing the container, the inlet and the first outlet being disposed in and through the lid, and extending into the container to a distance below the lid;
- (c) providing a valve for venting air or water from the container, to relieve pressure of air trapped therein, the valve being connected to a second outlet extending into the container to a shorter distance below the lid than the first outlet, whereby level of water can be adjusted so

that an end of the second outlet is either above or below surface of the water, and the pressure of the air trapped in the container can be relieved by opening the valve to discharge air or water from the container;

(d) connecting the inlet to the first line, and the first outlet to the second line;

(e) discharging water and solid waste from the sink into the container through the first line and the inlet of the container;

(f) adjusting the level of the water in the container; and

(g) opening the valve to discharge air or water from the container.

[c4] 4. The method of claim 3, wherein the level of the water is adjusted so that the end of the second outlet is above the surface of the water, and the pressure of the trapped air is relieved by opening the valve to discharge air from the container.

[c5] 5. The method of claim 3, wherein the level of the water is adjusted so that the end of the second outlet is below the surface of the water, and the pressure of the trapped air is relieved by opening the valve to discharge water from the container.

[c6] 6. The method of claim 3, wherein the container is transparent or translucent, for easy observation of the

water level in the container.

[c7]